



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

646.3719
Job Sheet 170474



Part No: 646.3719

Job Qty: 24 ea

Part Name: Doubler



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/16/18

Job Tracking No:

Due Date: 2/8/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: DWG REV A SHEET 9 IPP REV:A 12.10.22 NEW ISSUE DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	24 Ea		2/7/18	0.00	0.00	Start Up Waterjet		SC 18/02/04
110	Waterjet	24 pcs		2/8/18	0.01	0.71	Waterjet1		SC 18/02/04
120	QC	24 pcs		2/8/18	0.00	0.00	QC2 Waterjet-1		SC 18/02/04
130	QC	24 pcs		2/8/18	0.00	0.00	QC8-1		SC 18/02/04
140	Outsource	24 pcs		2/8/18			ATG001-VC Outsource 4		AT 18/02/01
150	Packaging	24 pcs		2/8/18	0.00	0.00	Packaging2		AT 18/02/01
160	QC	24 pcs		2/8/18	0.00	0.00	QC5		AT 18/02/01
190	Packaging	24 pcs		2/8/18	0.00	0.00	Packaging3-1 CCK105		MAR 02 2018
200	QC21-SA	24 Ea		2/8/18	0.00	0.00	QC21		MAR 05 2018

Part Op 110 - 1-Cut as per Dwg

Descriptions: 140 - Issue P/O _____ ATG, balck anodize and prime as per dwg 646.3719 Rev. A

190 - ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING THE P# AND REV***

P/O: 038462

DAS 9-89
13 FEB 07 2018
9-89

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	M6061T6S.063	1	209	0	0
	3/8/007	1			

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Doubler	0.209inches + 0.005 - 0.001	0.214 0.208	Diameter	0.208
2	Doubler	2.000inches ± 0.030	2.030 1.970		2.001
3	Doubler	2.000inches ± 0.030	2.030 1.970		2.000

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

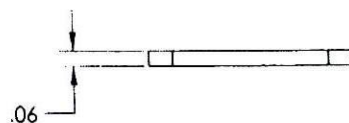
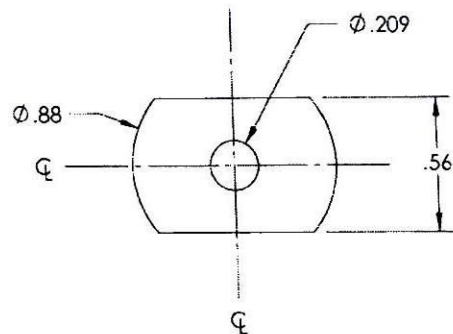
QA Closed: _____ Date: _____

Work Order update only ☐

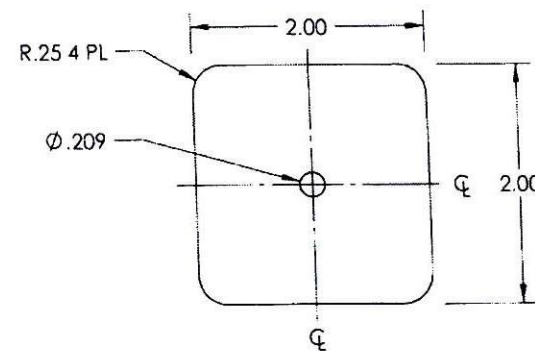
Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube</td> <td style="width:15%;">Cross tube</td> <td style="width:15%;">Water Jet</td> <td style="width:15%;">Engineering</td> </tr> <tr> <td>Machining</td> <td>Small Fab</td> <td>Prod. Eng. Coord.</td> <td>Quality</td> </tr> <tr> <td>Thermoforming</td> <td>Finishing</td> <td>Rec/Store/Packaging</td> <td>Other</td> </tr> <tr> <td>Large Fab</td> <td>Composite</td> <td>Supplier</td> <td></td> </tr> </table>						Skid-tube	Cross tube	Water Jet	Engineering	Machining	Small Fab	Prod. Eng. Coord.	Quality	Thermoforming	Finishing	Rec/Store/Packaging	Other	Large Fab	Composite	Supplier									
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Date : _____		Step #: _____		Job No: 170474 Start up Operation 02/04/18 Change No: Operation: Revision: Original Serial #: S038795 646.3719 PART NO: 646.3719 Doublet S038795 DART AEROSPACE Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 CANADA TEL: 1 613 632-5200 Email: sales@dartaero.com www.dartaerospace.com																													
Description Work Order De								MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																									
Root Cause <table style="width:100%; border: none;"> <tr> <td style="width:50%;">Environment</td> <td style="width:50%;">No Re-verification</td> </tr> <tr> <td>Design</td> <td>Operator</td> </tr> <tr> <td>Doc/Data</td> <td>Offset/Setup</td> </tr> <tr> <td>Equip/Tooling</td> <td>Supplier</td> </tr> <tr> <td>Handling/Pre</td> <td>Training</td> </tr> <tr> <td>Material</td> <td>Use for Testing</td> </tr> <tr> <td>Internal Transport</td> <td>Poor Information</td> </tr> <tr> <td>Tribal Knowledge</td> <td>Rushing</td> </tr> <tr> <td>LOA</td> <td>Product Improvement</td> </tr> <tr> <td>Substation</td> <td>Process Improvement</td> </tr> <tr> <td>Past Expiry Date</td> <td>Manufacturing Process</td> </tr> <tr> <td>Misidentified</td> <td>Past Due</td> </tr> </table>		Environment	No Re-verification	Design	Operator	Doc/Data	Offset/Setup	Equip/Tooling	Supplier	Handling/Pre	Training	Material	Use for Testing	Internal Transport	Poor Information	Tribal Knowledge	Rushing	LOA	Product Improvement	Substation	Process Improvement	Past Expiry Date	Manufacturing Process	Misidentified	Past Due	<table style="width:100%; border: none;"> <tr> <td style="width:50%;"> Centre Not Centered Cracks Crimp/Kink/Ripple/Wave Cuffs Crushing Heat Treat Wave/Twist in Tube Marks/Chatter </td> <td style="width:50%;"> Inspection Incomplete Contamination Countersink Cut Too Short Instructions Incomplete/Unclear Drill Holes </td> </tr> </table>						Centre Not Centered Cracks Crimp/Kink/Ripple/Wave Cuffs Crushing Heat Treat Wave/Twist in Tube Marks/Chatter	Inspection Incomplete Contamination Countersink Cut Too Short Instructions Incomplete/Unclear Drill Holes
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		OTHER : _____																															

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REV	DESCRIPTION	DATE	APPROVED



646.3718



646.3719

NEXT ASSY IS:		DATE: 06-08		APICAL INDUSTRIES	
DRAWN BY: K. J. JONES		CHECKED BY: S. J. JONES		2608 TEMPLE HEIGHTS DR.	
DRAWING APPROVED BY: S. J. JONES		DATE: 06-08		OCEANSIDE, CA 92056-3512 760-724-5300	
MATERIAL: R.25 4 PL		FINISH: 304		SHEETMETAL	
QUANTITY: 1000		UNIT: INCHES		PART NO: 646.3700	
SCALE: 1:1		SHEET: 1 OF 1		REV: 1	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO038962**

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO038962

PO Date: 2/6/18

Due Date: 2/14/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

E-MAILED
FEB 12 2018

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

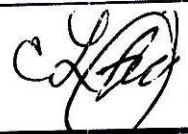
Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	170205	RBW6705G02631-3G-1	Lever Rigging Fork, T/R Actuator CLEAR ANODIZE (RED BARN) -Issue P/O to ATG: -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant - Certificate of Conformity is required	Firmed	2/16/18	2 pcs 8x	0 pcs 7x	2 pcs AT 18/02/16	\$9.38/pcs	\$18.76
2	170188	RBW6705G02431-3G-1	Lever Rigging Fork -Issue P/O to ATG: - ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL -Certificate of Conformity is required	Firmed	2/16/18	7 pcs ✓ 7x	0 pcs 7x	7 pcs AT 18/02/16	\$9.38/pcs	\$65.66
3	170797	RB T103311-101	Sleeve Tool -Issue P/O to ATG: -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL - Certificate of Conformity is required	Firmed	2/16/18	6 pcs ✓ 6x	0 pcs 6x	6 pcs AT 18/02/16	\$9.38/pcs	\$56.28
4	170590	RBE350A94-5201-20	Cartridge, Dummy, Fuel -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	2/16/18	6 pcs ✓ 6x	0 pcs 6x	6 pcs AT 18/02/16	\$13.55/pcs	\$81.30

Plex 2/12/18 10:28 AM dart.lavoie.chanta

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
5	171148	RBE703A95-0520-01-1	Quill -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	2/16/18	6 pcs	0 pcs	6 pcs	\$13.55/pcs	\$81.30
6	170554	647.0113	Strut Doubler Issue P/O to ATG : Hard anodize, Color Black and Prime as Per Dwg 647.0100 Rev. A	Firmed	2/28/18	16 pcs	0 pcs	16 pcs	\$12.80/pcs	\$204.80
7	170470	646.3715	Strut Doubler Issue P/O to ATG : Hard Anodize, Color Black and Prime as per Dwg 646.3700	Firmed	2/28/18	24 pcs	0 pcs	24 pcs	\$7.30/pcs	\$175.20
8	169913	SWA6A-700	Wire Clamp -Issue P/O to ATG: -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 3 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	2/28/18	20 pcs	0 pcs	20 pcs	\$5.10/pcs	\$102.00
9	169727	SWA10A-700	Wire Clamp : IPP Rev A 17.11.08 New issue DP Verify DD -Issue P/O to ATG: -HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 3 CLASS 2 -Certificate of Conformity is required	Firmed	2/28/18	12 pcs	0 pcs	12 pcs	\$5.10/pcs	\$61.20
10	170474	646.3719	Doubler Issue P/O _____ ATG, balck anodize and prime as per dwg 646.3719 Rev. A	Firmed	2/28/18	24 pcs	0 pcs	24 pcs	\$7.30/pcs	\$175.20
11	168246	646.3716	Gauge Bracket Issue P/O to ATG : _____ ATG, balck anodize and prime as per dwg 646.3716 Rev. A	Firmed	2/28/18	10 pcs	0 pcs	10 pcs	\$7.20/pcs	\$72.00
12	170472	646.3717	Doubler Issue P/O _____ ATG, black anodize and prime as per dwg 646.3717 Rev. A	Firmed	2/28/18	12 pcs	0 pcs	12 pcs	\$7.30/pcs	\$87.60
13	170473	646.3718	Custom Washer Issue P/O _____ ATG, black anodize and prime as per dwg 646.3718 Rev. A	Firmed	2/28/18	30 pcs	0 pcs	30 pcs	\$5.00/pcs	\$150.00
Grand Total:									\$1,331.30	

Order Notes



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DAS
38
9-88
DAS
11
9-89



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914687

Date: 28-Feb-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
24 ea	Part: 646.3719 Doubler Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22511		Rev: A PO: PO038962 Line: 10
10 ea	Part: 646.3716 Gauge Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22512		Rev: A PO: PO038962 Line: 11
12 ea	Part: 646.3717 Doubler Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377 Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22513		Rev: A PO: PO038962 Line: 12
24 ea	Part: 646.3718 Custom Washer Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22514		Rev: A PO: PO038962 Line: 13
16 ea	Part: 647.0113 Strut Doubler Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing.		Rev: A
Made in Canada.			



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914687

Date: 28-Feb-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	- .9 mils) per drawing. Job: 22507	PO: PO038962	Line: 6
24 ea	Part: 646.3715 Strut Doubler Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22508	Rev: A	Line: 7
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>28/2/18</u> Certified Signature: <u><i>Diane Baker</i></u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.			
Made in Canada.			